

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Sumeet Singh et al.                      Art Unit: 2131  
Serial No.: 10/822,226                              Examiner: Ayaz Sheikh  
Filed : April 8, 2004  
Title : DETECTING PUBLIC NETWORK ATTACKS USING SIGNATURES  
              AND FAST CONTENT ANALYSIS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.


The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any credits or additional charges to deposit  
account 06-1050.

Respectfully submitted,

Date: June 8, 2007

  
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-075001	Application No. 10/822,226
	Applicant Sumeet Singh et al.		
	Filing Date April 8, 2004	Group Art Unit 2131	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE	2005/103899	11/03/05	PCT				
	AF							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AG	Bloom, Burton, "Space/time trade-offs in hash coding with allowable errors," Communications of the ACM 13(7): 422-426, 1970
	AH	Estan et al., "Building a Better NetFlow," SIGCOMM 2004 Tech Report, Portland Oregon, August 30-September 3, 2004 (12 pages)
	AI	Fan et al., "Summary Cache: A Scalable wide-area Web cache sharing protocol," ACM SIGCOMM 98, Vancouver, British Columbia, September 2-4, 1998 (12 pages)
	AJ	Graham, Paul, "A Plan for Spam," <a href="http://www.paulgraham.com/spam.html">http://www.paulgraham.com/spam.html</a> , August 2002, 12 pages, (accessed 05/23/07)
	AK	Manber, Udi "Finding Similar Files In a Large File System", Proc. 1994 Winter Usenix Technical Conference, Jan. 1994, pp. 1-10
	AL	Moore et al., "Inferring Internet Denial-of-Service Activity," Proceedings of the 10 <sup>th</sup> USENIX Security Symposium, August 13-17, 2001, Washington, D.C., 15 pages
	AM	Moore et al., "Internet Quarantine: Requirements for Containing Self-Propagating Code," The 22 <sup>nd</sup> Annual Joint Conference of the IEEE Computer and Communications Societies, San Francisco, CA, U.S.A. (April 1-3, 2003)
	AN	Rabin, Michael O., "Fingerprinting by random polynomials," Center for Research in Computing Technology, Harvard University, Report TR-15-91, 1981
	AO	Singh et al., "Automated Worm Fingerprinting," OSDI '04: 6 <sup>th</sup> Symposium on Operating Systems Design and Implementation, San Francisco, CA, U.S.A., USENIX Association, pp 45-60 (December 6-8, 2004)
	AP	Snort web site, <a href="http://www.snort.org">www.snort.org</a> , (accessed on 05/23/07)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	